

Intraperiodic and interperiodic signal accumulation in the dulkyn gravitational-wave detector

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Abstract

The intraperiodic and interperiodic signal accumulation in the Dulkyn laser pentagonal gravitationalwave detector is considered. Such signal accumulation allows the time required to observe lowfrequency periodic gravitational radiation from double relativistic astrophysical sources of type PSR J1537 + 1155 to be reduced by 1-2 orders of magnitude. © 1999 Kluwer Academic/Plenum Publishers.
